

---

# HIV/AIDS

---

**Definition:** Respondents ages 18-64 that report never having been tested for HIV.

## Prevalence of Never Been Tested for HIV

- South Dakota 76.4%
- There is no nationwide median for never having been tested for HIV

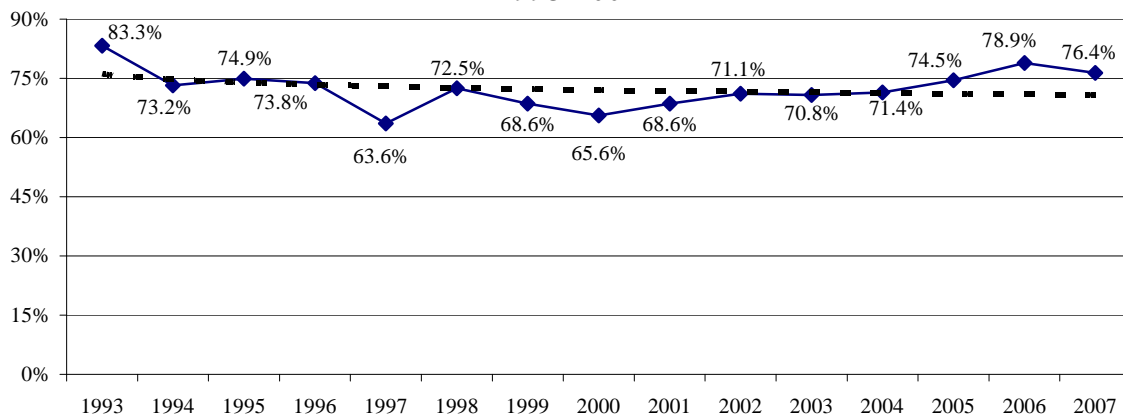
## Healthy People 2010 Objective

*There was no stated Healthy People 2010 Objective for never having been tested for HIV.*

## Trend Analysis

This question was first asked in 1993 with 83.3 percent of respondents who have never been tested for HIV. Since 2000 there has been an overall increase in the percent of respondents who have never been tested for HIV; however, there was a decrease from 78.9 percent in 2006 to 76.4 percent in 2007.

**Figure 77**  
**Percent of Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 1993-2007**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2007

## Demographics

<b>Gender</b>	Males demonstrate a significantly higher prevalence of not ever being tested for HIV than females. This gender difference is evident in several demographic categories such as those ages 18-34, whites, and those in the northeast region.
<b>Age</b>	The prevalence of those not ever having an HIV test seems to generally increase as age increases. This includes significant increases as the 45-54 and 55-64 age groups are reached. This association is much more evident with females.
<b>Race</b>	Whites exhibit a significantly higher prevalence of no HIV test than do American Indians.
<b>Region</b>	Those in the southeast, northeast and central regions demonstrate a very high prevalence of no HIV test, while those in the west and American Indian counties regions show a very low prevalence.

<b>Household Income</b>	The prevalence of no HIV test is much higher in the higher income groups.
<b>Education</b>	The prevalence of no HIV test does not seem to follow a pattern as education levels increase.
<b>Employment Status</b>	Those who are self-employed or retired demonstrate a very high prevalence of no HIV test, while those who are employed for wages, unemployed, or a homemaker show a very low prevalence.
<b>Marital Status</b>	Those who are divorced or separated exhibit a very low prevalence of no HIV test, while those who are married or have never been married show a very high prevalence.

**Table 89**  
**Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2007**

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Total</b>	<b>4,448</b>	<b>76.4</b>	<b>(74.5-78.1)</b>	<b>1,897</b>	<b>79.6</b>	<b>(77.3-81.8)</b>	<b>2,551</b>	<b>73.1</b>	<b>(70.3-75.7)</b>
<b>Age</b>									
18-24	227	78.2	(70.9-84.0)	114	92.0	(85.8-95.6)	113	64.9	(53.1-75.1)
25-34	717	65.1	(60.9-69.1)	280	73.5	(67.2-79.0)	437	56.5	(51.1-61.7)
35-44	886	69.1	(65.3-72.6)	402	70.0	(64.4-74.9)	484	68.2	(63.0-72.9)
45-54	1,339	82.2	(79.6-84.5)	562	79.3	(75.0-83.0)	777	85.0	(81.8-87.6)
55-64	1,279	89.1	(86.8-91.0)	539	87.2	(83.4-90.2)	740	91.1	(88.5-93.2)
65-74	-	-	-	-	-	-	-	-	-
75+	-	-	-	-	-	-	-	-	-
<b>Race</b>									
White	3,809	78.3	(76.4-80.1)	1,626	81.5	(79.0-83.7)	2,183	75.1	(72.2-77.9)
American Indian	458	65.1	(58.5-71.1)	186	66.2	(56.2-74.9)	272	63.9	(55.2-71.9)
<b>Region</b>									
Southeast	1,005	75.3	(71.7-78.6)	447	79.9	(75.4-83.7)	558	70.4	(64.7-75.6)
Northeast	915	81.2	(77.9-84.1)	418	85.7	(81.6-89.0)	497	75.8	(70.5-80.3)
Central	876	84.6	(81.5-87.3)	359	86.3	(81.6-90.0)	517	83.1	(78.6-86.8)
West	1,016	72.9	(69.2-76.3)	407	72.9	(67.6-77.7)	609	72.8	(67.7-77.5)
American Indian Counties	636	62.7	(57.1-68.0)	266	63.5	(55.2-71.1)	370	62.0	(54.3-69.1)
<b>Household Income</b>									
Less than \$10,000	184	51.2	(36.0-66.1)	*	*	*	*	*	*
\$10,000-\$14,999	161	67.2	(55.8-76.8)	*	*	*	*	*	*
\$15,000-\$19,999	237	72.1	(62.9-79.8)	*	*	*	*	*	*
\$20,000-\$24,999	371	72.3	(64.1-79.1)	127	73.6	(61.7-82.8)	244	71.4	(60.0-80.6)
\$25,000-\$34,999	543	77.9	(71.9-82.9)	242	85.3	(78.1-90.4)	301	69.0	(60.0-76.8)
\$35,000-\$49,999	835	77.5	(73.4-81.2)	366	79.1	(73.4-83.8)	469	76.0	(69.7-81.3)
\$50,000-\$74,999	874	78.1	(74.4-81.4)	387	80.4	(75.1-84.8)	487	75.7	(70.3-80.3)
\$75,000+	877	76.0	(72.5-79.1)	432	76.4	(71.5-80.7)	445	75.4	(70.2-79.9)
<b>Education</b>									
8th Grade or Less	*	*	*	*	*	*	*	*	*
Some High School	190	78.2	(68.8-85.4)	*	*	*	*	*	*
High School or G.E.D.	1,345	76.3	(72.4-79.8)	654	79.3	(74.9-83.1)	691	72.6	(65.8-78.5)
Some Post-High School	1,335	76.1	(72.9-79.0)	506	78.8	(74.2-82.8)	829	73.9	(69.4-78.0)
College Graduate	1,525	76.2	(73.3-78.8)	631	79.0	(74.9-82.5)	894	73.4	(69.3-77.1)
<b>Employment Status</b>									
Employed for Wages	2,782	75.3	(73.0-77.5)	1,115	78.5	(75.5-81.2)	1,667	72.2	(68.7-75.5)
Self-employed	743	81.2	(77.0-84.8)	493	81.3	(76.0-85.7)	250	80.9	(73.7-86.4)
Unemployed	139	67.3	(54.9-77.6)	*	*	*	*	*	*
Homemaker	255	68.0	(59.0-75.9)	*	*	*	*	*	*
Retired	212	85.5	(77.8-90.8)	*	*	*	*	*	*
Unable to Work	219	72.9	(65.0-79.5)	*	*	*	*	*	*

**Table 89 (continued)**  
**Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2007**

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Marital Status</b>									
Married/Unmarried Couple	2,934	75.9	(73.8-77.9)	1,227	78.8	(75.9-81.4)	1,707	73.2	(70.1-76.1)
Divorced/Separated	721	67.2	(62.5-71.6)	298	66.8	(59.1-73.7)	423	67.5	(61.7-72.8)
Widowed	159	78.9	(69.8-85.7)	*	*	*	*	*	*
Never Married	624	82.1	(76.7-86.4)	348	86.9	(82.0-90.5)	276	74.8	(63.7-83.4)

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

### **Further Analysis**

Following are data illustrating the percent of those who have never been tested for HIV for various health behaviors and conditions. For example, 78.2 percent of respondents who stated they are not a military veteran have never been tested for HIV, while 59.3 percent of respondents who stated they are a military veteran have never been tested for HIV.

**Table 90**  
**Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2007**

Health Behavior or Condition	# Respondents	% Never Been Tested for HIV	95% CI
Obese (BMI = 30.0+)	1,270	72.4	68.2-76.2
Overweight (BMI = 25.0-29.9)	1,655	78.4	75.7-80.8
Recommended Weight (BMI = 18.5-24.9)	1,283	76.9	73.7-79.9
No Leisure Time Physical Activity	993	77.6	73.1-81.6
Leisure Time Physical Activity	3,452	76.1	74.1-78.0
No Moderate Physical Activity	2,238	77.3	74.5-79.8
Moderate Physical Activity	2,062	75.2	72.6-77.6
No Vigorous Physical Activity	3,276	76.5	74.3-78.6
Vigorous Physical Activity	1,094	75.6	72.2-78.7
Less Than Five Servings of Fruits and Vegetables	3,644	76.6	74.6-78.5
At Least Five Servings of Fruits and Vegetables	802	75.1	71.0-78.9
Current Smoker	1,021	67.8	63.2-72.1
Former Smoker	1,087	73.3	69.6-76.7
Never Smoked	2,331	81.0	78.7-83.0
Smokeless Tobacco Use	257	70.9	63.1-77.6
No Smokeless Tobacco Use	4,142	76.8	74.9-78.6
Diabetes	296	75.7	68.4-81.8
No Diabetes	4,152	76.4	74.5-78.2
Hypertension	1,105	81.1	78.0-83.9
No Hypertension	3,341	75.3	73.2-77.3
High Blood Cholesterol	1,200	79.2	76.1-81.9
No High Blood Cholesterol	2,305	73.6	70.8-76.2
No Health Insurance (18-64)	392	72.8	65.7-78.9
Health Insurance (18-64)	3,957	76.2	74.3-78.1
Employer Based Health Insurance Coverage (18-64)	2,539	78.6	76.4-80.6
Private Health Insurance Plan (18-64)	549	83.8	79.3-87.5
Medicare (18-64)	152	76.3	67.1-83.6
Medicaid or Medical Assistance (18-64)	156	43.8	30.8-57.7
The Military, CHAMPUS, TriCare, or the VA (18-64)	226	59.3	49.6-68.4
The Indian Health Service (18-64)	258	64.2	55.0-72.5
No Flu Shot (65+)	-	-	-
Flu Shot (65+)	-	-	-

**Table 90 (continued)**  
**Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2007**

<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Never Been Tested for HIV</b>	<b>95% CI</b>
No Pneumonia Shot (65+)	-	-	-
Pneumonia Shot (65+)	-	-	-
Doesn't Use Sun Block	2,917	76.6	74.3-78.7
Uses Sun Block	1,184	75.6	71.9-78.8
Doesn't Know Cervical Cancer - HPV Connection (Females)	377	84.7	79.0-89.1
Knows Cervical Cancer - HPV Connection (Females)	2,124	71.4	68.3-74.3
Drank Alcohol in Past 30 Days	2,619	76.3	74.1-78.4
No Alcohol in Past 30 Days	1,819	76.6	73.3-79.6
Binge Drinker	793	74.4	70.2-78.3
Not a Binge Drinker	3,593	76.9	74.9-78.9
Heavy Drinker	178	67.9	56.4-77.6
Not a Heavy Drinker	4,155	76.8	74.9-78.5
Previously Had a Heart Attack	155	71.6	61.8-79.7
Never Had a Heart Attack	4,281	76.4	74.5-78.2
Have Angina or Coronary Heart Disease	144	74.0	65.0-81.4
Do Not Have Angina or Coronary Heart Disease	4,279	76.4	74.6-78.2
Previously Had a Stroke	*	*	*
Never Had a Stroke	4,360	76.3	74.5-78.1
Current Asthma	296	67.1	59.4-74.0
Former Asthma	125	62.3	49.5-73.6
Never Had Asthma	4,004	77.5	75.6-79.3
Arthritis	1,208	76.4	73.0-79.6
No Arthritis	3,230	76.3	74.2-78.4
Arthritis - Activities Limited	607	73.6	68.8-77.9
No Arthritis - Activities Limited	3,821	76.7	74.7-78.5
Fair or Poor Health Status	564	72.8	67.4-77.6
Excellent, Very Good, or Good Health Status	3,876	76.8	74.8-78.6
Physical Health Not Good for 30 Days of the Past 30	244	75.5	68.1-81.6
Physical Health Not Good for 0-29 Days of the Past 30	4,159	76.4	74.5-78.2
Mental Health Not Good for 20-30 Days of the Past 30	283	62.5	54.1-70.1
Mental Health Not Good for 0-19 Days of the Past 30	4,122	77.1	75.2-78.9
Usual Activities Unattainable for 10-30 Days of the Past 30	274	67.5	59.9-74.2
Usual Activities Unattainable for 0-9 Days of the Past 30	4,152	76.8	74.9-78.5
Dissatisfied / Very Dissatisfied with Life	197	65.4	55.1-74.5
Satisfied / Very Satisfied with Life	4,221	76.8	75.0-78.6
Physical, Mental, or Emotional Disability	818	67.6	62.7-72.1
No Physical, Mental, or Emotional Disability	3,621	77.9	75.9-79.7
Disability with Special Equipment Needed	221	74.9	67.0-81.3
No Disability with Special Equipment Needed	4,224	76.4	74.6-78.2
Two or More Hours of TV Watched Per Day	3,126	76.7	74.4-78.8
Less Than Two Hours of TV Watched Per Day	1,229	75.2	71.9-78.3
Diarrhea in Past 30 Days	687	69.3	64.0-74.1
No Diarrhea in Past 30 Days	3,721	77.8	75.8-79.6
Military Veteran	482	59.3	53.7-64.6
Not a Military Veteran	3,963	78.2	76.3-80.0

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007